

CLAIMS:

1. A display system including a stationary supporting base, a display device movably supported by the supporting base and an electromagnetic positioning unit for positioning the display device relative to the supporting base.

5 2. A display system as claimed in claim 1, wherein the supporting base is provided with a rod-shaped guide for guiding the display device.

3. A display system as claimed in claim 2, wherein the electromagnetic positioning unit includes a translation actuator for translating the display device along the rod-shaped guide and/or a rotation actuator for rotating the display device round the rod-shaped guide.

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4. A display system as claimed in claim 3, wherein the translation actuator includes a permanent-magnetic section formed in or on the rod-shaped guide and a coil section secured to the display device and disposed in the magnetic field of the permanent-magnetic section.

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5. A display system as claimed in claim 3, wherein the rotation actuator includes a permanent-magnetic part formed in or on the display device and a coil part fixed to the rod-shaped guide and disposed in the magnetic field of the permanent-magnetic part.

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6. A display system as claimed in any one of claims 1 to 5, wherein the system is provided with a locking device for locking the display device in a position.

25 7. A display system as claimed in claim 6, wherein the locking device includes a solenoid.

8. A display system as claimed in any one of claims 1 to 5, wherein the system includes a remote control for controlling the positioning of the display device.

9. A display device as claimed in claim 6 or 7, wherein the display system includes a remote control for controlling the locking of the display device.